

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)ATTY DOCKET NO.  
DAIN:362CSERIAL NO.  
R. 1.53(b) Div. of 10/162,193APPLICANT  
Toshio YOSHIHARA et al.FILING DATE  
November 24, 2003GROUP  
1712

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
my	4 970 097	11/13/90	Kalinowski	427	376.2	
my	4,476,156	10/1984	Brinker et al.	427	376.2	
my	4,830,879	5/1989	Debsikdar	427	376.2	
my	4,946,710	8/1990	Miller et al.	427	376.2	
my	5,976,236	11/1999	Yoshihara et al.	106	286.6	
my	6,428,913	8/2002	Yoshihara et al.	428	702	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION NO YES
my	90/13851	11/15/90	WIPO			X
my	89/02869	04/06/89	WIPO			Abstract
my	95/23119	08/31/95	WIPO			X
my	DE 42 27 720	04/01/93	Republic of Germany			X

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Patent Abstracts of Japan, vol. 013, no. 339 (C-624), 07/31/89, &amp; JP-A-01 116082 (CATALYSTS &amp; CHEM IND CO LTD), 05/09/89 (Abstract only)

Patent Abstracts of Japan, vol. 017, no. 225 (C-1055), 05/10/93 &amp; JP-A-04 362014 (MITSUBISHI MATERIALS CORP), 12/15/92 (Abstract only)

EXAMINER

Steven R. Zimmerman

DATE CONSIDERED

10/27/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 603; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
my	4,908,065	3/1990	Tanitsu et al.	108	287.2	
my	4,943,542	7/1990	Hayashi et al.	501	12	
my	5,019,293	5/1991	Burlitch	252	313.1	
my	5,132,253	7/1992	Dawes	501	12	
my	5,384,294	1/1995	Teowee et al.	501	12	
my	5,509,958	4/1996	Van de Leest	108	287.26	
my	4,668,299	5/1987	Nanao et al.	108	288.6	
my	2,455,367	12/1948	King	252	309	
my	2,692,239	10/1954	Hunter et al.	252	313.1	
my	3,097,957	7/1983	Slotterbeck et al.	108	287.26	
my	3,847,583	11/1974	Dislich et al.	501	12	
my	4,397,666	8/1983	Mishima et al.	501	12	
my	4,476,156	10/1984	Brinker et al.	427	376.2	
my	4,830,879	5/1989	Debsikdar	427	376.2	
my	4,946,710	8/1990	Miller et al.	427	376.2	
my	5,978,238	11/1999	Yoshihara et al.	108	288.6	
my	6,149,967	11/2000	Mitamura et al.	427	66	
my	6,150,030	11/2000	Stollenwerk et al.	428	432	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION NO YES

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER:

Klaus Zimmermann

DATE CONSIDERED:

10/27/04